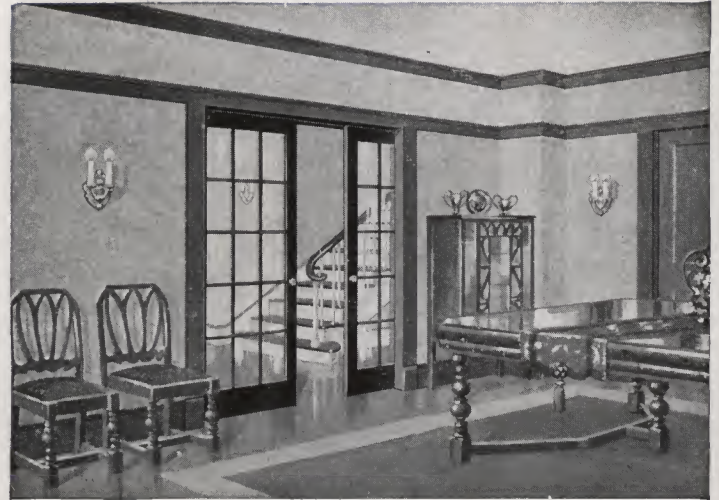
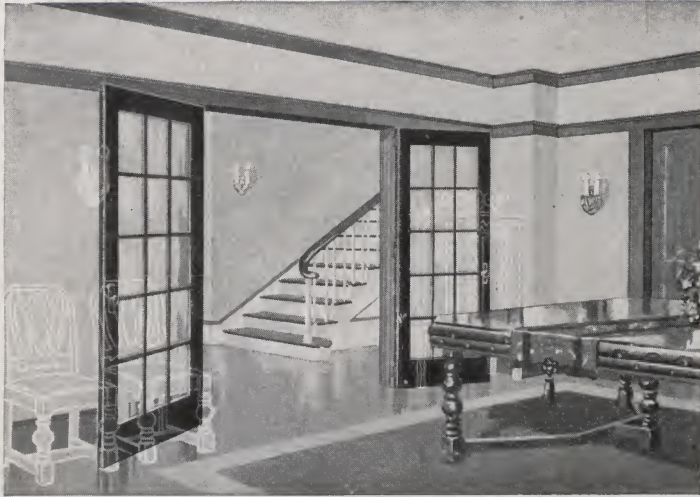




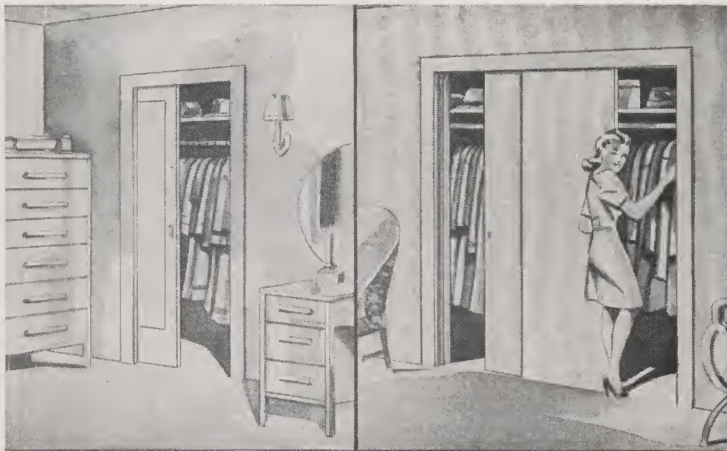
SPACE SAVING VANISHING RESIDENTIAL DOOR HANGERS

For Installation in Ordinary 2x4" Walls

Richards-Wilcox Mfg. Co.
AURORA, ILLINOIS. U.S.A.



Sliding doors save valuable floor space. Provide room for more furniture.



Single Vanishing Closet Door on R-W Hangers.



Parallel Wardrobe Doors on R-W Hangers.



Single Vanishing door in living room on R-W Hangers.



Double Vanishing Doors in Living Room on R-W Hangers.

Vanishing (Sliding) Door Hardware for Homes

Can Be Installed In An Ordinary 2"x4" Studded Wall

Now, when architects and builders are taking advantage of every possible improvement in home construction, the sliding door is being used in many places undreamed of in former years, as they can be installed in any ordinary 2 x 4" studded wall.

Saves Space

Particularly in the small type of home which is being built so universally now, house doors that slide into a wall pocket, out of sight, out of the way, are an essential feature. Space is at a premium. With vanishing doors, furniture can be placed where it is desired without interference from the doors. Doorways close to each other do not conflict when vanishing doors are installed.

Provides Harmonious Color Schemes

A vanishing door decorated on one side in one color to harmonize with the room on that side and finished a different color to correspond with the room on the other side, does not open into the wrong room.

Doors Fit Tight

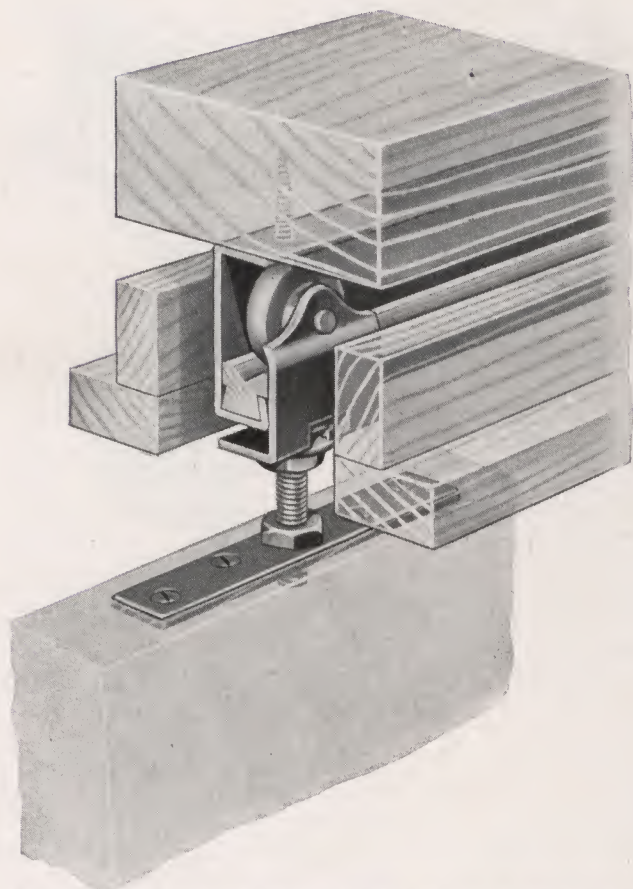
A vanishing house door is a tight door. It shuts out cold because it can be adjusted to operate so close to the floor that it will barely clear. It is not necessary to allow space beneath it to clear rugs.

Available For Many Purposes

Closets, built-in wardrobes, and kitchenettes are made more accessible, convenient and light by vanishing doors, single or parallel.

These are some of the reasons vanishing doors on sliding door hangers, are becoming so increasingly popular in modern residences.

Wall Pocket for Vanishing Residential Door Installations

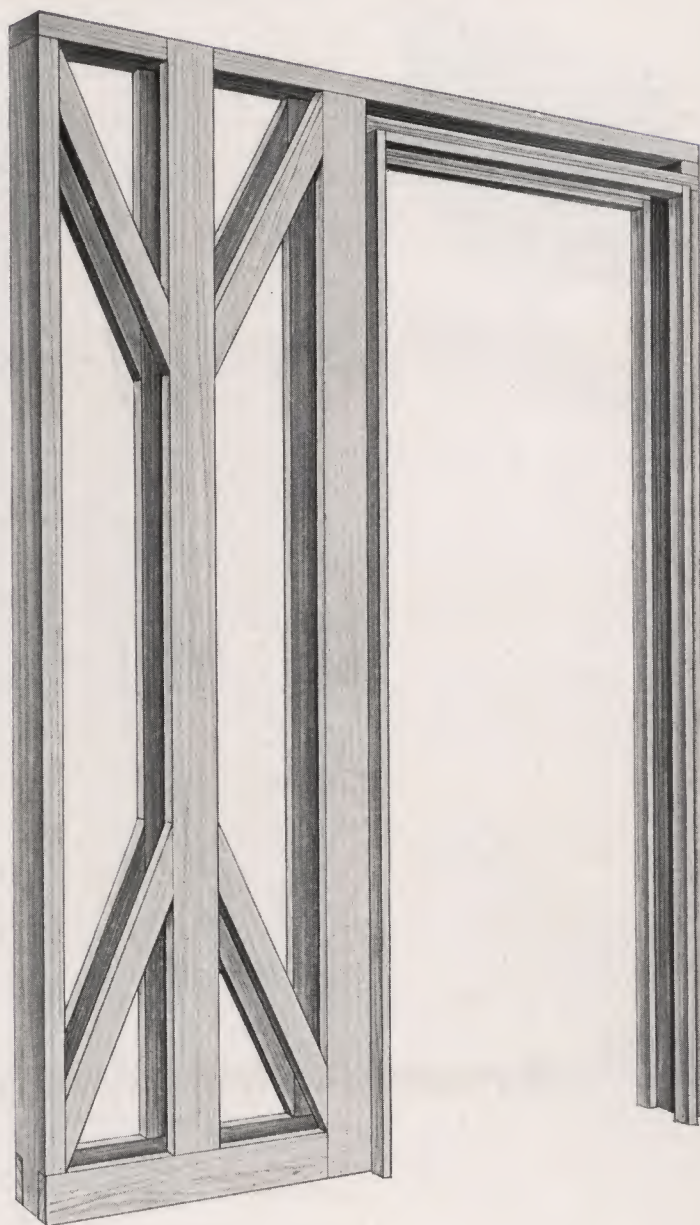


Richards-Wilcox No. 719 Vanishing House Door Hanger and wood lined track installation in ordinary 2 x 4 studded house partition, showing application of hanger and track to header and door.

NOW . . . BUILDERS NEED NOT WIDEN WALLS TO ACCOMODATE VANISHING HOUSE DOORS . . .

Richards-Wilcox has removed forever the problem which confronted builders who wanted the benefits of vanishing house doors. The thicker walls, sliding house doors heretofore required are no longer necessary. Richards-Wilcox engineering department has designed a wall pocket which can be built into the same thickness of wall as a regular 2 x 4 studded partition.

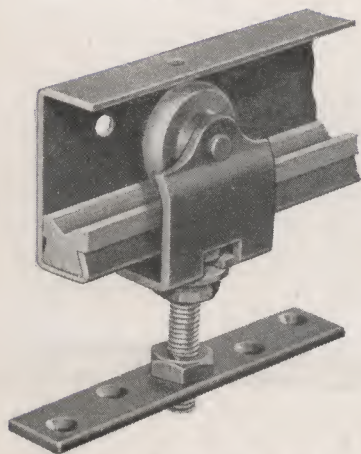
The detailed drawing shows how to make it. The pocket is set into the wall in such a way that it does not carry any of the building load. The design is such and the materials used are such that the pockets can be built on the job out of standard stock lumber sizes or it can be built at the mill, taken to the job and set into the opening left for it in the wall.



Mill construction of R-W wall pocket for installing vanishing house doors operating on R-W No. 719 house door hanger in ordinary 2 x 4 studded partition. This construction, developed by Richards-Wilcox engineering department, solves the problem of builders and architects who desire to get the advantages of "Richards-Wilcox" Vanishing House Doors without increasing the width of the ordinary 2 x 4 studded partitions. A modification of the Richards-Wilcox pocket makes it readily available also for use with other Richards-Wilcox vanishing house door hangers. See page 7.

Vanishing Door Hanger and Track

No. 719



No. 719 Hanger and Track

The No. 719 Hanger is not recommended for doors more than 1 3/4 inches thick or more than 4 feet wide, or doors weighing over 100 lbs.

The hanger plate is only 7/8 inch wide and can be used for doors 7/8 inch thick or thicker.

Hangers: Finished in gray paint; weight 1 1/2 lbs. per pair.

Track: Finished dead black; weight 1 lb. per foot.

Can be installed in a 2" x 4" Studded Wall

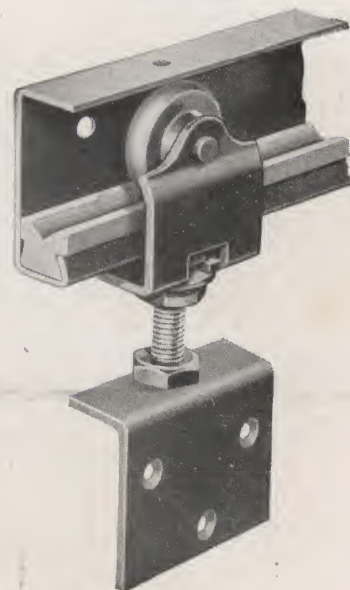
R-W No. 719 and No. 1719 Hangers and track are a new development for the hanging of light-weight vanishing Doors and residential parallel Wardrobe Doors. The hanger is small and noiseless in operation, with a single wheel and a special Oilite bearing. The Oilite bearing is of porous bronze material impregnated with oil, resulting in self lubrication of the hanger.

Adjustment vertically is accomplished by loosening the lock nut on the pendant so that the pendant can be raised about 1/16", permitting the pendant to be removed through the slot in the hanger frame, when adjustment can be made.

The track is formed of sheet steel with a heavy wood runway permanently clinched into position. A V-shaped groove in the wood runway causes the hanger to center itself at all times. A flange integral to the wood runway projects beyond the lower part of the steel member so that the frame of the hanger cannot contact the steel part, thus eliminating all possible noise. The edges of the hanger frame are rounded to prevent any possibility of shaving the projecting wood flange.

Track is made in lengths of 4 ft.; 4 ft. 6 in.; 5 ft.; 5 ft. 6 in.; 6 ft.; 6 ft. 6 in.; 7 ft.; 7 ft. 6 in.; 8 ft. and 10 ft.

No. 1719



No. 1719 Hanger and track.

The No. 1719 Hanger is not recommended for doors more than 1 3/4 inches thick or more than 4 feet wide, or doors weighing over 100 lbs.

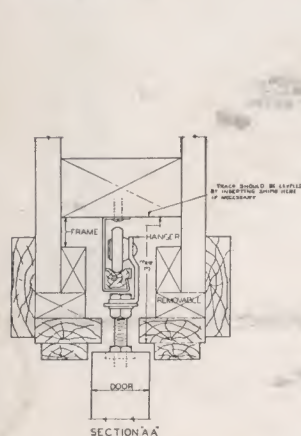
The Hanger Apron is used where the doors are very thin and lack top surface for plate screws as used on R-W No. 719 Hanger.

Hangers: Finished in gray paint; weight 1 1/2 lbs. per pair.

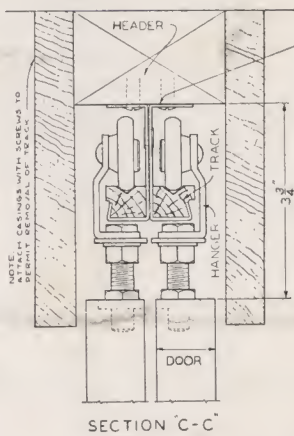
Track: Finished dead black; weight 1 lb. per foot.

R-W No. 719 and No. 1719 Hangers are packed in a box with one No. 19 Floor Guide and all screws required for attachment.

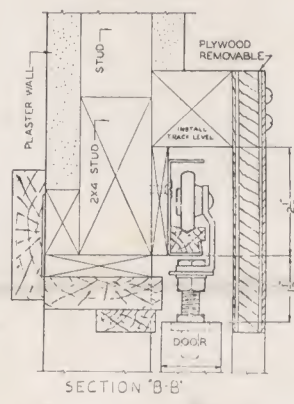
R-W No. 719-1 Door Pull, No. 719-2 Flush Pull and No. 719 top Center Stop are only supplied and packed with hangers when specified, and at an additional charge for same.



Single Overhead Mounting of No. 719 Hangers and Track

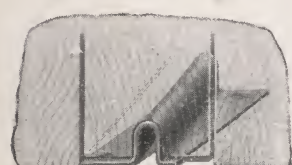


Parallel Overhead Mounting of No. 719 Hanger and Track



Single Side Mounting of No. 719 Hangers and Track

No. 19 Floor Guide



Packed regularly with each pair of hangers.

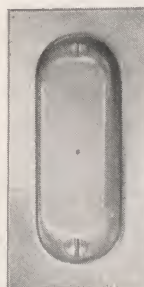
No. 719 Top Center Stop



For use at head in center or doorway where bi-parting doors are used.

No. 719-2 Flush Pull

For use in face of door 1 9/16" wide and 3" high. Bronze finish.



No. 719-1 Door Pull

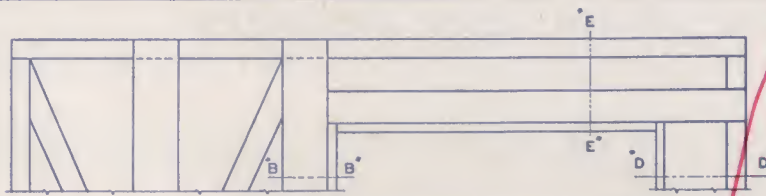
For installation in the edge of the door to facilitate pulling the door out of the pocket.

Solid bronze, dull polish finish.



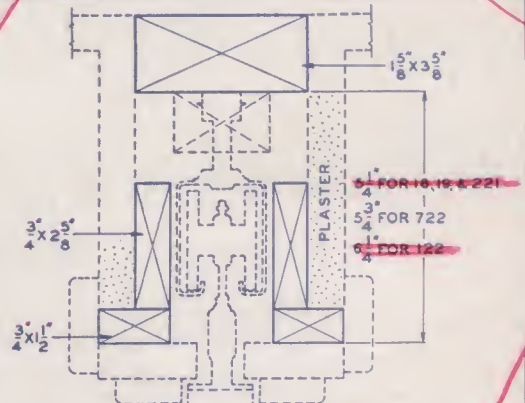
No. 719-1

R-W Wood Frame Design for 2"x4" Standard Studded Plastered Wall Adapted to the use of Vanishing Doors



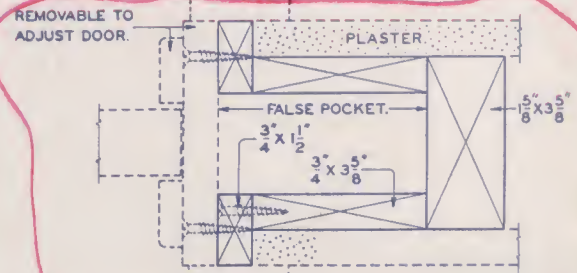
UPPER PART OF SINGLE SLIDING VANISHING DOOR FRAME.

FOR NO. 16, 19, 122, 221, AND 722 TRACK & HANGERS
REMAINDER OF FRAME SAME AS FOR NO. 719 HANGER BELOW.



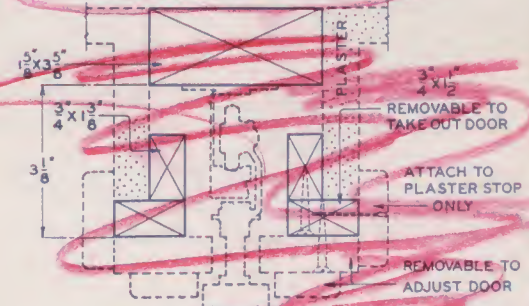
HEAD SECTION "E-E"

FOR 16, 19, 122, 221, 722 TRACK & HANGERS



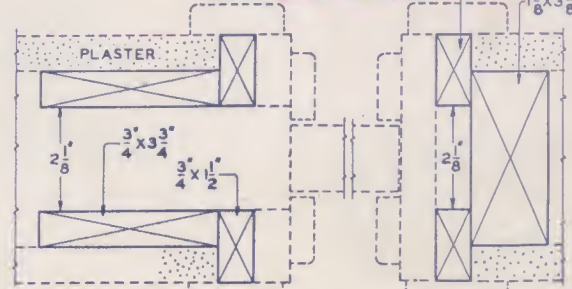
SECTION "D-D"

FOR 16, 19, 122, 221, 722 TRACK & HANGERS



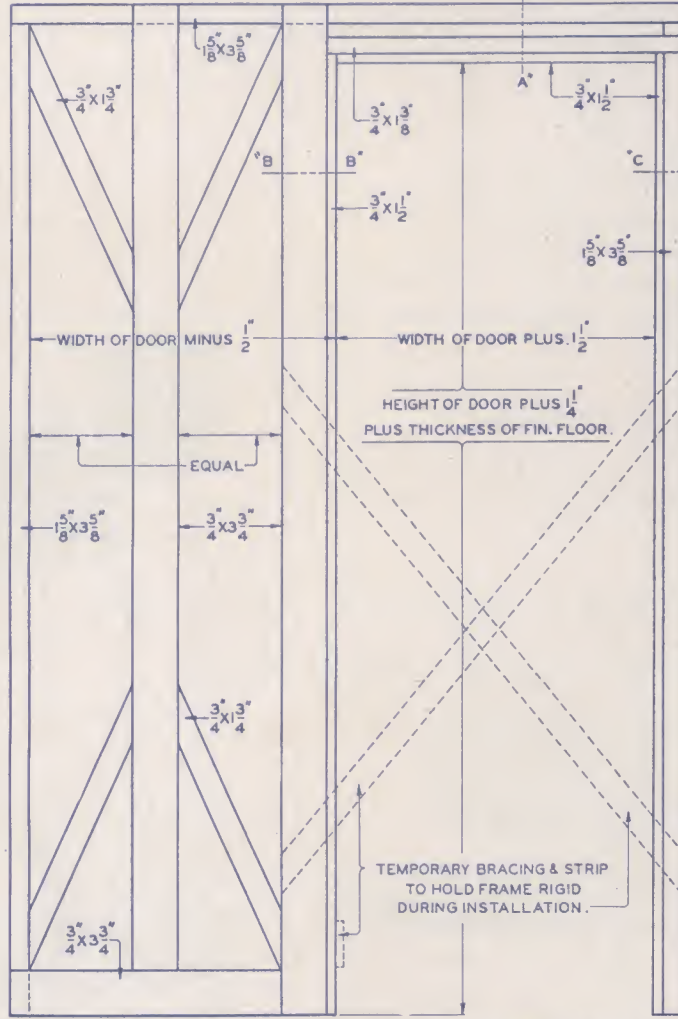
HEAD SECTION "A-A"

FOR 719 TRACK & HANGERS.



SECTION "B-B" SECTION "C-C"

SCALE 3/4"=1'-0" ALL SECTIONS.



DETAIL OF SINGLE SLIDING VANISHING DOOR FRAME.

FOR NO. 719 TRACK & HANGERS.

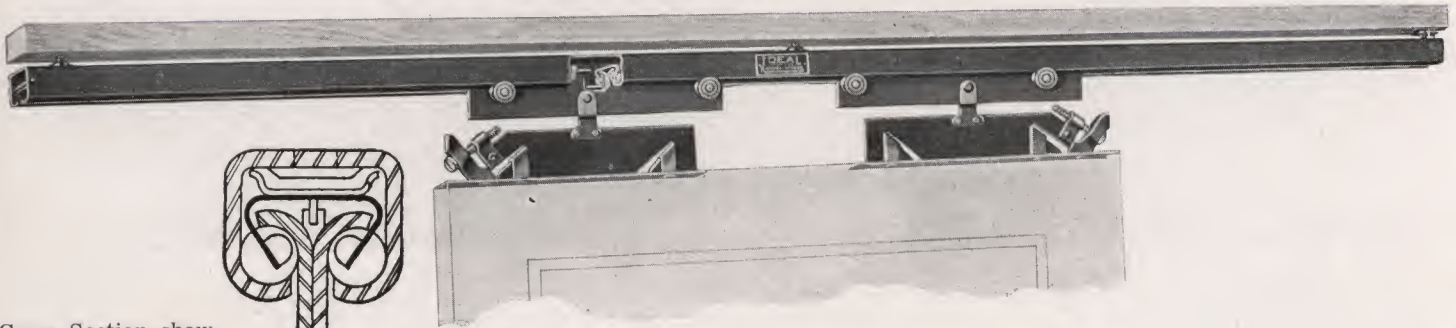
This pocket frame can be specified and built at the mill supplying other millwork or can be made by carpenters at the building. Due to the thinness of the wall pocket it is not recommended that it be used for single Vanishing Doors more than 4 ft. wide nor for double doors in openings more than 8 ft. wide.

The pocket frame is entirely separate from the wall into which it is to be placed and is not designed to carry floor or other loads above. The space for track and hanger is 2 1/8" wide or the width of the header piece as supplied with most R-W Vanishing Door hangers.

Hangers Suitable for Installation in 2x4" Studded Wall

No. 722 Vanishing Door Hangers

For Doors Weighing Up to 200 Lbs.

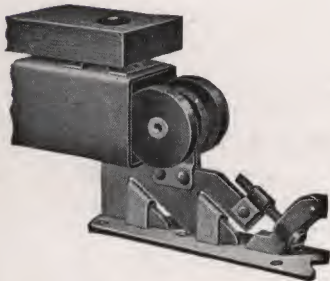


Cross Section showing suspension of hanger (Rider Bar) on Steel Balls.

No. 722

R-W No. 19 Hangers

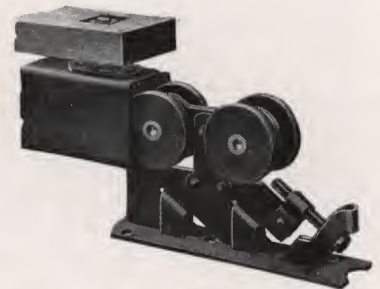
This hanger has two vulcanized fibre wheels, $2\frac{1}{8}$ " in diameter. Bearings, steel balls. Track, steel. Will handle doors weighing up to 125 lbs.



No. 19 Hangers

R-W No. 16 Hangers

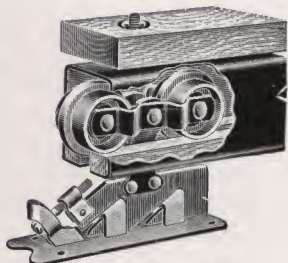
This hanger has four vulcanized fibre wheels, $2\frac{1}{8}$ " in diameter. Bearings, steel balls. Track, steel. Will handle doors weighing up to 175 lbs.



No. 16 Hangers

R-W No. 122 Hangers

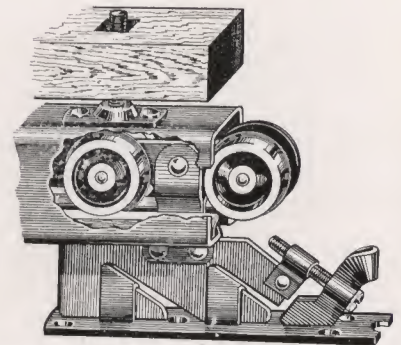
This ball-bearing hanger has pressed steel wheels, $2\frac{1}{2}$ " in diameter. Track is furnished with wood header and is hard maple lined. For doors weighing up to 175 lbs.



No. 122

R-W No. 221 Hangers

This ball-bearing hanger has pressed steel wheels, $1\frac{7}{8}$ " in diameter. Forged frames and hardened bearings. Track is furnished with wood header and is hard maple lined. For doors weighing up to 175 lbs.



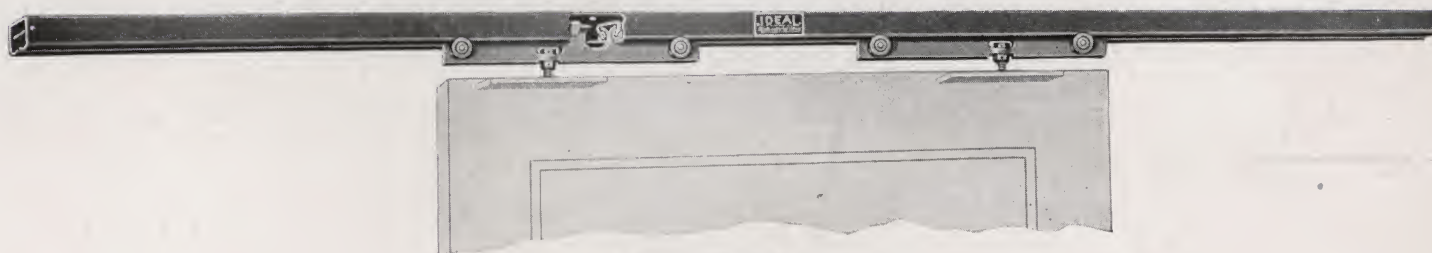
No. 221

R-W No. 722 Hangers

(DeLuxe Type)

The highest class, smoothest operating hanger made. Has two rows of one-half inch diameter balls spread out over a long area, reducing friction to a minimum. Exceptionally quiet and easy operation assured. For doors weighing up to 200 lbs. each.

No. 720 "FoR-Ward" Bronze Vanishing Door Hanger and Track



Cross Section of Track Showing Rider-Bar Supported by Steel Balls.

The R-W No. 720 Vanishing Door Hanger is the supreme advance in Vanishing Door Hangers—in that it has all the high class features of R-W No. 722 Ideal Vanishing Door Hanger and in addition solves the corrosion problem by being made of **SOLID BRONZE**.

Seashore estates find it the solution to the salt air problem that steel hangers present. No corrosion is possible, hence a lifetime of smooth, noiseless Service.

Hanger and Track:

Made of solid bronze in the same mechanically perfect manner as its steel counterpart No. 722.

The weight of the door is carried on two rows of one half inch Stainless Steel Balls spread out over a long area and so held in place by a retainer that each hanger rider bar is always supported by its full complement of balls.

A pure rolling action, thus obtained, reduces friction to the vanishing point and accomplishes the ultimate goal of a perfect door hanger.

Hanger is adjustable vertically to a maximum of one inch.

Track provided with countersunk holes for No. 10 Flat Head Wood Screws on proper centers to install track to super-structure.

Distance top of door to top of track— $3\frac{1}{2}$ inches.

Weights of Half Sets No. 720— $12\frac{1}{2}$ — $16\frac{1}{2}$ lbs. Add $2\frac{1}{2}$ lbs. for each additional six inches of opening width.

Weight of Full Sets No. 720—24—50 lbs. Add 7 lbs. for each additional six inches of opening width.

No. 408 "Bronze" and No. 1408 "Steel" Vanishing Door Hanger and Track

No. 408 Bronze Hangers and Track

A Small Hanger running in bronze track for handling light weight doors in similar situations to those for which the number 720 All Bronze hanger is recommended.

Hanger wheels, (1" diameter) frame and plate ($\frac{1}{4}$ "x1"x $3\frac{3}{4}$ ") are solid bronze. The pendants of $\frac{7}{16}$ " stainless steel.

The track formed of .0625 bronze sheets and punched and counter sunk for suspension by wood screws or bolts through the top.

The minimum head room required is $1\frac{5}{8}$ ". Vertical adjustment $\frac{5}{16}$ ".

No. 408—Bronze Hangers—per pair—wt. $\frac{5}{8}$ lb.

No. 408—Bronze Track—per foot—weight $\frac{7}{8}$ lb.



Full Size Cross Section of Track

No. 1408 Steel Hangers and Tracks

An exact counterpart of No. 408 Hanger made of steel for use where climatic conditions do not require the non-corrosive features of Bronze.

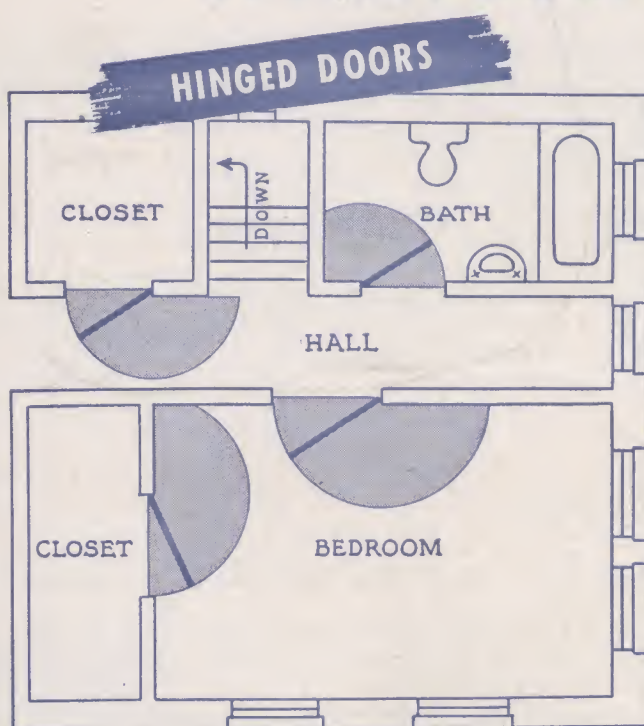
No. 1408—Steel Hangers—per pair—weight $\frac{3}{4}$ lb.

No. 1408—Steel Track—per foot—weight 1 lb.

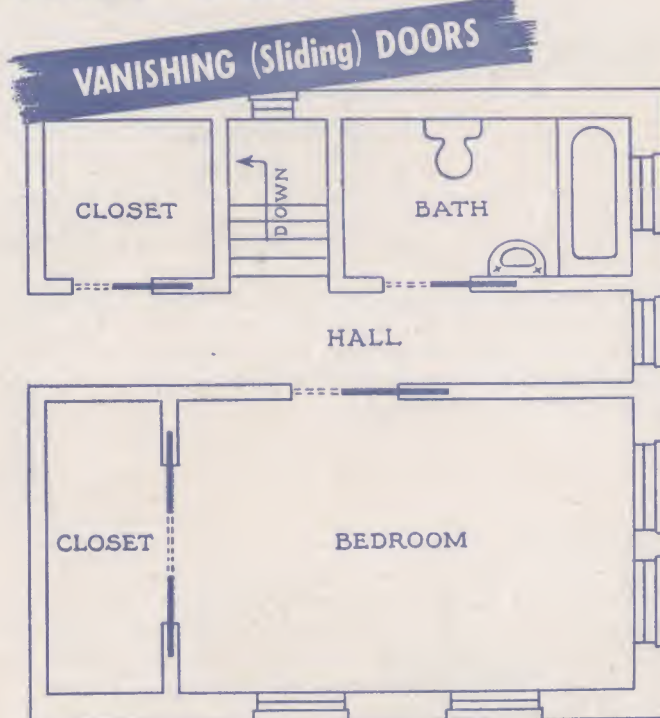
Note: The Hangers on this page are adapted to use in parallel runs for light doors on wardrobe and closet openings. See framing details as used for No. 719 Hangers on Page 7. Also recommended for use on glass doors.

Stop Waste of Floor Space!

SPECIFY VANISHING DOORS



Shaded Areas are "Dead" Space

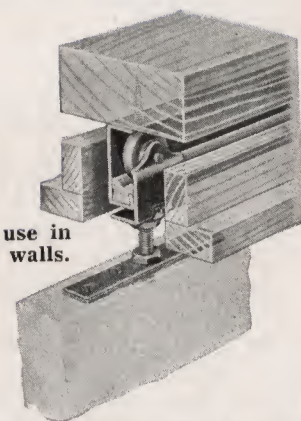


No "Dead" Space Here

Floor plans above show the same bedroom, closet and bath arrangement with hinged doors and with vanishing doors. Note **ABSENCE** of "dead" areas in plan utilizing vanishing doors.

Whether it's a spacious mansion or the tiniest kitchenette apartment, wasted floor space is wasted money! And every hinged door wastes the floor space covered by its swinging arc. With vanishing doors there's no floor area lost . . . furniture, pictures and fixtures can be placed correctly and conveniently; rugs can be laid close to the wall line; color harmony is not disturbed by the "wrong side" of an open door. For all interior doors, it's smart and economical to install vanishing doors.

Specify R-W Vanishing Door Hangers and Wood Lined Track



Designed for use in 2 x 4 studded walls.

Richards-Wilcox No. 719 Vanishing House Door Hanger and Wood Lined Track Installation in ordinary 2x4 studded house partition, showing application of hanger and track to header and door.

Richards-Wilcox Mfg. Co.

"A HANGER FOR ANY DOOR THAT SLIDES"
AURORA, ILLINOIS, U.S.A.

Branches: New York Chicago Boston Philadelphia Cleveland Cincinnati Washington, D. C.
Indianapolis St. Louis New Orleans Des Moines Minneapolis Kansas City
Los Angeles San Francisco Omaha Seattle Detroit Atlanta Pittsburgh
Milwaukee Richards-Wilcox Canadian Co., Ltd., London, Ont., Montreal, Winnipeg



Stop Waste of Floor Space!

SPECIFY VANISHING DOORS

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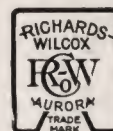
<http://seaa.tulane.edu>

Specify R-W Vanishing Door Hangers and Wood Lined Track

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Los Angeles San Francisco Omaha Seattle Detroit Atlanta Pittsburgh
Milwaukee
Richards-Wilcox Canadian Co., Ltd., London, Ont., Montreal, Winnipeg



Door Hanger and Wood Lined Track Installation in ordinary 2x4 stud house partition, showing application of hanger and track to header and door.